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SIDLEY AUSTIN BROWN & WOOD LLP

CHICAGO
LOS ANGELES
NEW YORK
SAN FRANCISCO
SEATTLE
WASHINGTON, D.C.

717 NORTH HARWOOD
SUITE 3400
DALLAS, TEXAS 75201
TELEPHONE 214 981 3300
FACSIMILE 214 981 3400
www.sidley.com
FOUNDED 1866

BEIJING
HONG KONG
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WRITER'S DIRECT NUMBER
(214) 981-3328

WRITER'S E-MAIL ADDRESS
pplap@sidley.com

January 3, 2002

BOX PATENT APPLICATION
Assistant Director For Patents
Washington, D.C. 20231

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Derrick T. Gordon

Name of Person Mailing Paper or Fee

Derrick T. Gordon

Signature

January 3, 2002

Date of Signature

Re: New U.S. Patent Application
OPTICAL SWITCH
By: Naoki NISHIDA, Takuji HATANO, Koji TAKAHARA,
Shinji MARUYAMA, Miyuki TERAMOTO and Koujiro SEKINE
Attorney Docket: 15162/04220

Dear Sir:

Enclosed for filing are the following papers relating to OPTICAL SWITCH, Naoki NISHIDA, Takuji HATANO, Koji TAKAHARA, Shinji MARUYAMA, Miyuki TERAMOTO and Koujiro SEKINE, inventors:

- (1) Specification (20 pages, including 14 claims and an abstract);
- (2) Unexecuted Declaration and Power of Attorney (11 pages);
- (3) Formal Drawings (9 sheets);
- (4) Transmittal letter (1 page) with PrintEFS Patent Application Bibliographic Data (3 pages);

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- (5) Transmittal letter (1 page) with Certified Copy of Priority Document (28 pages); and
- (6) Information Disclosure Statement (2 pages) with attached PTO-1449 form (1 page) and copies of the cited references (3 references).

The amount of the filing fee is calculated below:

			Fee for small entity			Fee for other than small entity	
Fee	No. filed	No. extra *	Rate	Fee	OR	Rate	Fee
Basic fee				\$370	OR		\$740
Total claims	14-20=	0	X \$9=	\$0	OR	X \$18=	\$-0-
Independent claims	2-3=	0	X \$42=	\$0	OR	X \$84=	\$-0-
Multiple Dependent Claim Presented	0	0	+\$140=	\$0	OR	+\$280=	\$-0-
			Total	\$0	OR	Total	\$740

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Please charge the required fee (\$740.00 for the application filing fee) to Sidley Austin Brown & Wood LLP's Deposit Account No. 18-1260. If additional fees are due, please charge any fees during the pendency of this application (other than the issue fee) to Deposit Account No. 18-1260. Please credit any overpayment to Deposit Account No. 18-1260.

This transmittal letter is being filed in duplicate.

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Assistant Director For Patents

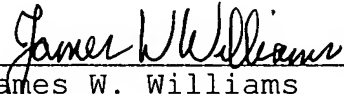
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All correspondence is to be directed to the address
associated with the customer number 24367.

Respectfully submitted,

By:


James W. Williams
Registration No. 20,047
Attorney for Applicants

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Enclosures